

Catalytic Formation of Hydrocyanic Acid from Ammonia
and Carbon Monoxide, by P. V. Zimkov, 11 pp.

RUSSIAN, per, Zhur Russ Fiz Khim Obshchestva, Vol
LXI, 1929, pp 997-1009.

SLA R-2912

Sci

Jul 59

92,360

II
Some Peculiarities of the Reaction of Formation
of Ethylene Oxide From Ethylene Chlorohydrin,
~~by~~ by P. V. Zinakov, L. M. Kogan, 7 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXI, No 4,
1958, pp 613-619.

Consultants Bureau

Sci - Chem

Jun 59

88,270

on the Mechanism of the Formation of Aldehydes During
Dehydrochlorination of Lower Alkylene Chlorohydrins,
by P. V. Zimakov, L. M. Kogan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 2,
pp 329-332.

CB

Sci
Aug 60

126,383

A Peculiarity of the Reaction Between Ethylene
Oxide Vapor and Wood, by P. V. Zimakov and V. A.
Pokrovsky, 5 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVII, No 3,
Mar 1954, pp 346-348. CIA C 38935

Consultants Bureau

Scientific - Chemistry

CTS 73/Oct 55

27,039

AEC-tr-4497(p.382-8) Unc1.

RADIOELECTROCHROMATOGRAPHIC ANALYSIS. P. V.
Zimakov, A. G. Bykov, and I. A. Usacheva.
Translated from Trudy Vsesoyuz. Nauch.-Tekh.
Konf. po Primenen. Radioaktiv. i Stabil.
Izotopov i Izlucheni v Narod. Khoz. i Nauke,
Moscow, 1957 (1958). Izotopy i Izlucheniya
v Khim., p.303-8.

C-4 P NSA

N-5

On the Two Courses of Reaction in the
Dehydrochlorination of Lower Alkylene Chlorohy-
drins, by P. V. Zimakov and L. M. Kogan, $\frac{4}{4}$ pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 2,
1957, pp 297-300.

Consultants Bureau'

Sci - Chem

Aug 58

70,945

Experimental Confirmation of the Presence of the
Oxonium form of Ethylene Oxide in Aqueous Solutions
by P. V. Zimakov.

RUSSIAN, per, Zhur Fiz Khim, Vol XXX, No 8, 1956,
pp 1904-1905.

CSIRO 3441

Sci
Apr 59

84, 472

Behavior of Ethylene Oxide at High Temperatures, by
P. V. Zimakov.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, No 1, 1955,
pp 76-83.

Assoc Tech Sv *TR*
\$9.95 *RJ-767*

57, 528

Sci - Chemistry
Aug 57

(FDD 27654)

The Structure and Properties of Ethylene Oxide, by P.
V. Zimakov, 12 pp.

RUSSIAN, no par, Zhur Fiz Khim, Vol XXIX, No 3, Moscow,
Mar 1955, pp 496-501.

CIA/FDD u-8557

38,114

USSR

Sci - Chemistry

Certain Questions in the Development of Contemporary
Cartography, by L. Ya. Zitan.

RUSSIAN, per, Sbornik Nauchno-Tekhn i Proizvodstvennykh
Statey po Gid Kart Tovo Aero i Grav, Vol XII,
Moscow, 1946, pp 99-111.

Available ORR/Geo Div
OSU Series A, No 60

USSR

Scientific - Geophysics

2163

Soviet Cartography on the Way Up, by L. Ya. Ziman,
25 pp., UNCLASSIFIED

88 RUSSIAN, Sbornik Statey, No 2, pp 7-32, "XX-Let
Sovetskoy Geodezii i Kartografii.", Moscow

Available ORR/Geo Div
OSU Series A, No. 55

USSR

Scientific - Geophysics

2180

Economic Regions of the United States, by L. Ya.
Ziman, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf, No 3, 196
pp 144-147.

Soviet Geography
Amer Geograph Soc
Vol II, No 2

USSR

Geog

May 61

150, 250

American Geography: Inventory and Prospect,
reviewed by A. A. Grigoryev, I. P. Gerasimov,
N. N. Baranskiy, V. M. Hochman, L. Ya. Ziman,
et al., 36 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Geograf,
No 1, Jan/Feb 1956, pp 115-143.

CIA/TDD X-2095

USSR; US
Scientific - Geophysics

36,262

Jul 56 CTS/dex

Use of the Sun Shadow Compass in Flight, by Ya.
Ziman, 5 pp.

Full tr

RUSSIAN, no per, Grazhdanskaya Aviatsiya, No 2,
Feb 1957, pp 23, 24.

ATIC F-TS-9265/III

Sci - Aeronautics
Oct 57

53,498

(SF-1875)

Concerning One Survival of the Past, by
G. X Zimanas, 7 pp.

RUSSIAN, np, Kommunist, No 1, 1962,
pp 80-85.

JPRS 12844

USSR
Eak Soc
Mar 62

188,561

On a Remnant of the Past, by Zimanis.

RUSSIAN, ^{per} ~~per~~ Kommunist, No 1, 10 Jan 1961.

2

FBIS Wire

USSR

Pol

23 Feb 62

On a Remnant of the Past, by G. Zimanis.

RUSSIAN, np, Kommunist, 10 Jan 1962.

FBIS Wire

USSR

Fol

26 Feb 62

S-529/60

(NY-4684)

Superconductivity and Cybernetics, by A. N.
Zimarev, V. Ya. Kontarev, 11 pp.

RUSSIAN, per, Priroda, No 2, 1960, pp 75-77.

JPRS 5424

Sci - Physics

Sep 60

125,330

A. Transistorized Parallel Arithmetic Unit, by
V. K. Zaydenberg, A. N. Zimarsky, Ye. P. Landes,
Yu. I. Senatorov.

RUSSIAN, pamphlet, Arifmeticheskoye Ustroystvo
Paralleln'ogo Tipa na Poluprovodnikovyykh
Priborakh, Moscow, 1957, pp 2-27.

ACSI, H-0430, A

Sci - Math

Oct 58

75,325

Bo
Ge
CH
Ju

H
P
C

Production of Zr-D Targets on Copper Base-layers, by
A. G. Vinelov, R. N. Kuzmin, 3 pp.

RUSSIAN, per, Priory i Tekh Ekspert, No 3, 1960,
pp 129-133.

TSA

155, 123

Sci-
Tech 62

Elementary Processes Taking Place During the
Formation of a High-Voltage Impulse Discharge
at Low Pressure, by E. M. Reikhrudel, A. V.
Kustova, A. G. Zimelev, 8 pp.

RUSSIAN, per, Zhur, Tekh Fiz, Vol XXIV,
1954, pp 1179-1186.

AEC Tr 2299

Assoc Tech Serv
Tr 53G6R

29/196

Sci - Physics

Properties of a Cold Cathode With a Firing Device in
Pulse Discharges at Low Pressures, by E. M. Reikhrudel'
A. G. Zimelev, A. V. Kustova, 9 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX, No 1,
Oct 1956, pp ~~1048-1054~~. 1153 - 1161.

6

Columbia Tech

Sci - Physics

Dec 57

56, 490

(NY-5100)

LARGE-PAYLOAD TRUCK-TRAILER TRAINS, BY
. G. ZIMELEV, L. BRONSHTEYN, 5 PP.

RUSSIAN, NP, EKNO GAZETA, NO 20, 18 DEC 1961,
P 30.

JPRS 13587

USSR
ECON
SCO - ENGR

MAY 62

193,369

Tables pour l'Exploitation des Resultats de Mesures
sur la Diffusion de Gaz Rares Radioactifs hors de
Solides Apres Irradiation. (Diffusion de gaz Rares
dans des Solides5), by K. E. Zimen., 8 pp.

GERMAN to FRENCH, May 1961, ~~XXXX~~ Tables pp A1-A28.
9093479

Reverse Translation
CEA Tr A-10(74)

Sci
8 Jun 62

Kinetics of the Diffusion of Radioactive Rare Gases
From Solid Substances After Irradiation. Rare Gas
Diffusion in Solids 2, by W. Inthoff, K. E. Zimen,
12 pp.

SWEDISH, Trans Chalmers Univ Technol, Gothenburg, No
176, 1956.

AEC Tr 3289

Sci - Nuc Phys

Sep 58

73,769

Diffusion of Noble Gases Produced by Fission in Uranium,
by K. Ye. Zimen.

GERMAN, per, Z. Elektrochem., Vol 58, 1954, pp 599-601.

*NTIS/USDC/NBS TT 71-55096

Available NBS Only

K. Ye. Zimen

May 71

Self-Diffusion Measurements on Ag-Br
and AgBr-Ag₂S Mixed Crystals, by
K. E. Zimen.
GERMAN, rpt, Proc. Intern. Sym. on
Reactivity of Solids, 1952, pp. 93-96.
*NBS TT 70-57294

Sci/mater
Jul 70

K. E. Zimen

Zimen, K. E.

TABLES FOR COMPUTING MEASUREMENTS OF
THE DIFFUSION OF RADIOACTIVE INERT GASES
FROM SOLIDS AFTER IRRADIATION. Diffusion of
Inert Gases in Solids, 5; Special report no. 1 on
Contract [019-60-7 RDA]. [1962] 39p. 7 refs. HMI
BC-14; HMI B-16.
Order from OTS or SLA \$3.60 EURAEC-122

Trans. of a rept. from Hahn-Meltner-Institut für
Kernforschung, Berlin (West Germany) May 61.

DESCRIPTORS: *Tables, *Rare gases, Gases,
*Radioactivity, *Gas diffusion, Solids, Nuclear re-
actions, Radioactive decay.

See also 62-33173

(Nuclear Physics and Nuclear Chemistry, TT, v. 6,
no. 11)

62-33173

- I. Zimen, K. E.
- II. Title: Diffusion ...
- III. HMI BC-14
- IV. HMI B-16
- V. EURAEC-122
- VI. EURATOM (Belgium)

7

222, 194

Office of Technical Services

43
The Use of Isotopes to Measure Self-Dif-
fusion in Solid Materials, by K.E. Zimen.
GERMAN, rpt, Intern. Symp/ on Reactivity
of Solids, Proceedings, 1954, pp. 35-92.
*NBS TT 70-57297

Sic
Sci/mater
Jul 70

K. E. Zimen

The Diffusion of Fission Xenon From Uranium
Metal, by K. E. Zimen, L. Dahl, 4 pp.

GERMAN, per, Zeit fuer Naturforschung, Vol XIIa,
1957, p 167-.

CIA/FDD X-2722

Sci - Nuclear Physics
Feb 58

58,578

Isotope Exchange in Solids as a Method of Measuring
Self-Diffusion, by K. E. Zimen,

GERMAN, ^{IPC} ~~Proc.~~ ~~Internat.~~ Symposium on the
Reactivity of Solids, Goteborg, Sweden, 1952,
pp 85-92.

ATB 441-GJ

Sci - Chem

Aug 60

123,346

Kinetics of the Diffusion of Radioactive Rare Gases
From Solid Substances After Irradiation. Rare Gas
Diffusion in Solids 2., by W. Inthoff, K. E.
Zimen, 12 pp.

GERMAN, rpt, Trans Chalmers Univ Technol Gothenberg,
No 176, 1956.

AEC tr-3289

Sci - Phys
Jan 60

105,836

Diffusion of Rare Gas Atoms That Are Formed by Nuclear
Reaction in Solids, by K. E. Zimen. UNCLASSIFIED

GERMAN, rpt, No 175, 1956.

*AEC TR 87

Sci - Nuclear Phys
Feb 58

The Rate of Oxidation of Nickel in the Presence of Small Quantities of Chromium and Manganese, Contribution to the Theory of the Surface Oxidation Process, by C. Wagner, K. E. Zimens,

GERMAN, per, Acta Chem Scand. Vol I, 1947, pp 547-565.

ATS 504-GJ

Sci - Chem

Aug 60

123,932

Diffusion of Rare Gas Atoms That Are Formed by
Nuclear Reaction in Solids, by K. E. Zimen, 6 pp.

SWEDISH, Trans Chalmers Univ Technol, Gothenburg,
No 175, 1956.

AEC Tr 3286

Sci - Nuc Phy

Sep 58

73, 765

The Determination of Grain Sizes and Diffusion Constants from Emanation Power. 1., by S. Flugge, K. E. Zimens, 34 pp.

(892)

GERMAN, per, Z. Physik Chem, Vol XLII, No 3-4, 1939, pp 179-220.

ATS-4207G

Sci

Aug 59

95,130

Mycoflora of Sapropels of L. Bolshoe Svatoe,
Vitebsk Region, Belorussian SSR, by T. G. Zimenko,
E. S. Gurinovich, et al, 7 pp.

RUSSIAN, per, *E Mikrobiologiya*, Vol XXX, No 6,
1961, pp 1084-1087.

AIDS

Sci
Aug 62

208.039

The Incidence of Fungi of the *Penicillium* Genus in
Peat Bog Soils, by T. G. Zimenko, 6 pp.

RUSSIAN, per, Mikrobiol, Vol XXVI, No 6, 1957,
pp 756-761.

Amer Inst of Biol Sci

Sci - ~~Min~~ Med

Jul 58

66,972

(DC-2800/16)

Businesslike, Principled Discussion, by M.
Zimenkov, N. Badeyev, 6 pp.

RUSSIAN, np, Sovetskiy Flot, Vol XXIII, No 41,
18 Feb 1960, p 2.

JPRS 3706

USSR

Mil

Sep 60

125,206

(DC-2800/12)

Combat Readiness Will Be Still Higher, by M. Zimenkov,
V. Lagoshin, K. Komissar, P. Proshin,

RUSSIAN, np, Sovet Flot, 28 Jan 1960, p 2.

*JPRS

USSR

Military

Mar 60

Kinetics of Heterogeneous Exchange Reactions.
(Study of Solids by Means of Isotope Exchange.
1.), by K. Zimens, 19 pp.

SWEDISH, per, Arkiv Kemi, Mineral Geol, Vol
XXA, No 18, 1945, pp 1-26.

Assoc Tech Sv-14J16G

Sci
Aug 58

11-1-1846J

70364

70364

The Decarburization Method, by K. E. Zimens.
GERMAN, per, Z. Elektrochem., Vol 44, 1938, pp 590-594.
*NTIS/NBS TT 71-55104
Available NBS Only

K. E. Z i m e n s

June 71

The Determination of Grain Size and Diffusion Constants by Means of the Emanation Power (The Theory of the Emanation Method), by S. Flugge, K. E. Zimens, 36 pp.

GERMAN, per, Z Physik Chem (Leipzig), Vol XLII B, 1939, pp 179-220.

ABC IG-Inf Ser-86

Sci - Phys, Chem
17 Mar 61

141, 279

Determination of Particle Size and of Diffusion
Constants from the Streaming Power, by S. Flügge,
K. H. Zimm.

GERMAN, Ber. B. fuer Physik Chem., Vol XLII, 1939,
pp 176-220.

AMS-42876
-SANC

Sci. - Phys.

Oct 59

100,325

The Measurement of Radioactive Isotopes, by
K. E. Zimens, 92 pp.

GERMAN, per, Chalmers Tek Hogskol Handl, Vol
XL LIV, 1946, pp 1-59.

SIA Tr 57-811

Sci - Nuclear Physics

50,589

Aug 57

Surface Area Determinations and Diffusion Measurements
by Means of Radioactive Inert Gases. Part III. The
Process of Radioactive Emission From Disperse Systems.
Conclusions Pertaining to the Evaluation of EP (Emanat-
ing Power) Measurements and the Interpretation of Re-
sults, by Zimens, K. E.

GERMAN, per, Z. Physik. Chem., Vol ^{CXCI}~~CHXXXIX~~, No 1/2,
1943, pp 1-55.

Assoc Tech Sv
43670

Sci - Physics, Chemistry

33,044

(31.20)

The Kinetics of Heterogeneous Exchange Reactions, by
Karl-Erik Zimens.

~~GERMAN, per, Ark~~

SWEDISH, per, Arkiv fuer Kemi, Mineralogi och Geologi,
Vol XXA, 1945, pp 1 - 26.

AERE 679

AEC Tr 432

SLA Pool

Sci - Chemistry

May 1951 CTS

A13495

Surface Determinations and Diffusion Measurements
by Means of Radioactive Inert Gases, (Practice and
Quantitative Use of the Emanation Method). II.
Evaluation of the Measurements, by K. E. Zimens.

GERMAN, per, Z. Physik Chem, Vol CXCL4, 1942,
pp 95-128.

AEC Tr-3911

Sci - Phys

Apr 60

114, 735

V
The Measurement of Radioactive Isotopes, by
Karl-Erik Zimens.

GERMAN.

North Carolina State College

USDA Tr

SLA Tr

31,927

Scientific - Chemistry
Physics

~~XXXXXXXXXX~~

Zimkin, E. A.
REMARKS IN CONNECTION WITH THE ARTICLE OF
A. L. KARPOVA CONCERNING THE PHYSICO-
CHEMICAL METHOD OF ANALYSIS OF THE ACTIVE
ADMIXTURES OF GELATINE (SCIENTIFIC DISCUS-
SION). [1963] 9p. 12 refs.
Order from OTS or SLA \$1.10

63-16714

Trans. of [Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii] (USSR) 1960, v. 5, no. 4, p. 299-301.

DESCRIPTORS: *Gelatin, *Photographic emulsions,
Electrodialysis, Adsorption spectrum, Sodium com-
pounds, Thiosulfates, Thiourea, Sulfides, Silver com-
pounds, Dioxides, Sulfites, Nitrates, Dichromates.

(Materials--Photographic, TT, v. 10, no. 9)

63-16714

I. Zimkin, E. A.
II. Karpova, A. L.

Office of Technical Services

Phase Analysis of Proton-Proton Scattering,
by A. Zimin, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CV,
1955, pp 73-76.

ABC Tr 2383

31,974

Scientific - Physics

Mar 56 CTS/DEX

(NY-2800/5).

Some Prospects for the Automation of Building
Materials Production Processes, by A. Zimin, 4 pp.

RUSSIAN, per, Ekonomika Stroitel'stva, No 6, 1958,
pp 24-28.

~~P~~
JRS-1923-N

USSR

Econ - Construction Industry

Oct 59

98, 570

111
Asymptotic Behavior of Solutions of Certain
Classes of Differential Equations with Small
Parameter with the Highest Derivative, by A.
B. Yasil'yeva, A. B. Zimin, 11 pp.
RUSSIAN, per. English, Univ. of Illinois, Urbana-Champaign,
Series I, Mathematics, Education, No 4, 1964,
pp 21-29. FTL-NT-64-360
FTL-NT-64-360

Sol. Math
Jan 63

A. B. Zimin

343,642

The Nuclear Quadrupole Moment of U^{233} , by
A. G. Zimin, M. M. Yashin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CIX,
No 2, Jul-Aug 1956, pp 283-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

Sci - Phys
Aug 57

57, 667

Polarization Correlation in Nucleon-Nucleon Scattering
by A. G. Zimin, 6 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXII,
No 5, 1957, pp 1226-1232.

Amer Inst of Phys
Sov Phys-JETP
Vol V, No 5

Sci - Phys

59,490

Mar 58

Problems in the Designing of Pump Drives Without
Accumulator for Hydraulic Presses, by Prof A. I. ZILIN
H. S. Dobrinskiy, 16 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XXXVII, No 5,
1957, pp 37-42. CIA 605534.

ATIC F-TB-9270/III

Sci - Engr

57,883

Jan 58

(NY-5531)

Concerning a More Precise Diagnosis of Chronic
Alcoholism and the Clinical Picture of the
Alcoholic Abstinence Syndrome, by A. M. Zimin,
6 pp.

RUSSIAN, 8 bk, Alkologizm, 1959.

JPRS 7947

Sci

Apr 61

149,287

Effect of Co^{60} γ -Radiation on Aqueous Solutions
of Tin and Titanium Salts, by L. P. Sidorova, A. V.
Zimin, 7 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol XIII, No 12, 1958,
pp 2793-2797.

ANC-tr-4460
FL-480

Sci

May 62

195,827

PER 382

2

**Efficiency of Capital Investments in Ferrous
Metallurgical Industry Should be Decreased,**
by V. Zhukin, 6 pp.
RUSSIAN, np, Ekhn Gazeta, No 2, 23 May 1964,
pp 12, 13.
JPRS 23406

**USSR
Econ
Aug 64**

204,148

Simultaneous Determination of C, H, F, and
Cl in Halogenated Hydrocarbons by a Microanalysis
Method, by A. V. Zimin, S. V. Chumantsev, A. V.
Gubanov, A. D. Verina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI,
No 4, 1959, pp 784-786.

Consultants Bureau

119, 494

Sci

Jun 60

Action of γ -Radiation on NH_3 + C_6H_6 and CCl_4 +
 C_6H_6 Compositions, by A. V. Zimin, S. V. Churumtseyev,
A. D. Verin, 24 pp.

RUSSIAN, bk, Sbornik Rabot Radiatsionnoi Khim, Ak
Nauk SSSR, 1955, pp 249-260.

AEC Tr 2552

SLA. R-495/157
42, 1961

Sci - Chemistry
Jan 57 CTS

Flow Method of Irradiation With Dominant
Ways, by A. V. Zimin, E. Y. Prolov.
RUSSIAN, per. Tr. Nauchn Issled, Fiz Khim
Inst, 1963, pp 130-133. 9230473
AEC-Tr-6567

72

A. V. Zimin

Sci-Phys
Dec 65

293,359

Properties of Antennas With Stepped
Phase Distribution, by D. B. Zimin. 16 pp.
RUSSIAN, per, Trudy Aviatsionnyy Institut
No 159, 1964, pp 289-300.
FTD MT 65-116

89

D. B. Zimin

Sci-Elect and Electrical Engr
Mar 67

320,759

Influence of Phase Errors of Phase
Shifters on Characteristics of Scanning
Antennas, by D. B. Zimin. 17 pp.
RUSSIAN, per, Trudy Aviatsionnyy Institut,
No 159, 1964, pp
FTD MT 65-116

89

D. B. Zimin

Sci-Electr and Elect
Mar 67

320, 760

U. S. ZISIA, 30 pp.
RUSSIAN, per, Trudy Aviatsionny Institut,
No 159, 1964, pp 273-282.
PTD WT 65-116

D. B. Zimin

Sci-Elect and Electrical
Mar 67

120,750

118
Experimental Investigation of the Electrical
Conductivity of Combustion Products Stimulated by
Solid Particles, by E. P. Zimin.

RUSSIAN, per, Eksperimentalnoye Issledovaniye
Elektroprovodnosti Produktov Sgovaniya,
Stimulirovannoy Tverdykh Chastitsami, SK-107/51,
pp 1-11.

REF ID: A63-68

E. P. Zimin

Sci/Prop&Fuels
Aug 68

A Study of the Electrical Conductivity of a
Flame by the Microwave Method, by E. P. Zimin,
V. A. Popov, 10 pp.

RUSSIAN, per, Inzhenerno-Fiz Zhur, Vol V, No 3,
1962, pp 66-71. 9679877

FTD-IT-62-1568

Sci-XXXXXEngr
Apr 63

226,705

FTD (TDBDR-1) BT66-10-745T

Request dup check for info only

Investigation of Ionization and Conduction of
Products of Combustion in Presence of Hard
Particles with electron expenditure low
E P Zimin, E G Mikhnevich, V A Popov
presented at: International Symposium on Magneto-
hydrodynamic Electrical Power Generators.
Salzburg, ~~Sw~~ Austria, 4-8 Jul 66, 10 pages
paper number SM 74/243

Modes of Operation of a Magnetohydrodynamic Channel
by E. P. Zimin, 6 pp.

RUSSIAN, per, Inzhenerno-Fiz Zhur, Vol VI, No 4, 1963
pp 92-95.

JPRS 21,292

Sci -
Oct 63

344,747

THE EFFECT OF A MAGNETIC FIELD ON THE FLOW OF A
CONDUCTING GAS IN A PLANE TUBE IN THE PRESENCE
OF HEAT TRANSFER THROUGH THE WALLS, BY
E. P. ZIMIN, 6 PP.

RUSSIAN, PER, IZ AK NAUK SSSR, OTDEL TEKH NAUK,
MEKH I MASH, NO 2, 1961, PP 117-119. 9665786

FTD-TT-62-333

SCI - PHYS
JUL 62

204,463

Flow of Electrically Conducting Gas in a
Channel With a Traveling Magnetic Field,
by E. P. Zimin, Ye. I. Yantovskiy,
8 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Mekh i Mash, No 4, 1961,
pp 170-172. 9673044

FTD-TT-61-113

182,602

Sci - Phys

15 Feb 62

The Flow of Viscous Conducting Gas in a
Trasverse Magnetic Field with Heat Exchange,
by E. P. Zimin, 3 pp.

RUSSIAN, per, Prik Matemat i Mekh, Vol XXV,
No 2, 1961, pp 381-382. 9670751

FTD MCL-1137/1

Sci - Electron

1 Sept 61

165,910

Programmed Teaching and Teaching Machines,
by G. V. Zimin. 5 pp.
RUSSIAN, op, Krasnaya Zvezda, 13 Aug 1964, p 2.
JPRS 26721

USSR
MH
Nov 64

265,883

Practical Aerodynamics for the Pilot, 2. Estimat-
ing Weight Variation in a Fighter Aircraft Dur-
ing Flight, by G. V. Zimin, 7 pp.

RUSSIAN, per, Vest Voz Flot, No 5, 1959, pp 64-69.
650842.

ATIC

USSR
Mil
Dec 59

104,201

9 pp.
RUSSIAN, per, Zhur Prikl Math i Tekh Fiz, No 6,
1963, pp 109-113. 9224857
NASA TT P-543

Sci-Phys
Oct 64

267,236

Epidemic Conjunctivitis in Tadzhikistan and the
Market Fly (Musca Sorbens Wd.) as its Carrier,
by L. Zimin.
RUSSIAN, rpt., Ministry of Health, Tadzhikistan,
USSR, 1947, pp 7-54.
CSIRO/No.8207

L. Zimin

Sci -
Jul 67

333,675

Seasonal and Diurnal Fluctuations of the number of
Flies to Dwelling Houses and their Relation to
Temperature and Humidity, by L. Zimin.
RUSSIAN, per. Narodnyi Komissariat Zdravokhraneniya
Tadzhik. U.S.S.R., 1945, pp 76-167
CSIRO/No 8208

L. Zimin

Sci -
Sep 67

340,182

Album of Pest and Diseases of Farm Crops in the
Non-Chernozem Area of European USSR, by S. M.
Volkov, L. S. Zimin, D. K. Rudenko, S. M. Tupenevich.

RUSSIAN, bk, Gosudarstvennoe Izdatel' Sci' Lit,
Chap 3, 1955, pp 32-64. CIA D 9005077

USDA

Sci - Biol

May 57

4
87,653

Systematics of the Tribe Tachinini (Diptera,
Larvivoridae), by L. S. Zimin, 46 pp.

RUSSIAN, per, Trudy Zoologicheskogo Instituta Akademii
Nauk SSSR, Vol II, ~~Part~~ No 2-3, 1935, pp 509-636.

Sci Tr Center RT 1179

Scientific - Biology

Jul 54 CTS

16,028

A Brief Survey of Parasitic Diptera Belonging to the
Subtribe Ernestina in the Palearctic Fauna (Diptera,
Larvaevoridae). II, by L. S. Zimin, 18 pp.

RUSSIAN, per, Entomolog Oboz, Vol XXXIX, No 3, 1960,
pp 725-747.

AIBS

Sci
May 61

153,047

Zimin, L. S.
BRIEF SURVEY OF PARASITIC DIPTERA OF THE
SUBTRIBE ERNESTINA OF PALEARCTIC FAUNA
(DIPTERA, LARVAEVORIDAE) tr. by R. Ericson.
Apr 58, 30p. (8 figs. omitted)
Order from LC or SLA ml\$2.70, ph\$4.80 61-19186

Trans. of Ent[omologicheskoye] Obozr[eniye] (USSR)
1957, v. 36, no. 2, p. 501-537.

(Biological Sciences--Zoology, TT, v. 5, no. 11)

61-19186

1. Diptera--USSR
2. Paleocology--Arctic regions
1. Zimin, L. S.

Office of Technical Services

An Electrical Device for the Remote Control of an
Engine, by M. A. Zimin, A. A. Kazantsev, et al

RUSSIAN patent, No 132486, 2 pp.

FTD-TT-61-487

Sci-Engr
Jan 65

218,701

Selection of Coolant Parameters for Removal
and Utilization of Heat from Reactors, by
M.A. Zimin, 8 pp.

RUSSIAN, per, Atomnaya Energiya, Vol III,
No 7, 1957, pp. 5-10.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,060

Comparison of Various Shapes of Fuel Element, by
N. A. Zimin

RUSSIAN, per, Atomnaya Energiya, No 1, pp 149-163.
1958

C.S.I.R.O.
Chief Librarian

Sci

May 60

115,791

Future Development of Equipment for Measuring
Distances and Angles in Engineering, by
N. I. Zimin, D. D. Malyy, 5 pp.

RUSSIAN, per, Izmeritel Tekh, No 3, 1958,
pp 30-33.

Instru Soc of Amer

Sci

Apr 60

113099

(NY-2900/2).

Gauges and Measuring

~~Devices for Checking~~
~~and Regular Measurements~~, by N. I. Zimin, D. B.
Malyy, 11 pp.

RUSSIAN, per, Izmeritel' Tekhnika, No 4, 1959,
pp 12-16.

JPRS-1798-N

USSR
Econ
Jul 59

93,092

Operational Reliability of the Standard Elements
of the Beam, by V. A. Zimin, 17 pp.

RUSSIAN, bk, Nadezhnost' Radioelektronnoy Apparatury,
1958.

OTS 60-21823
PL-480

Sci - Electronics
Jan 61
PST 121

135,006

(NY-4688).

Principles of Designing Controlling Mathematical
Machines on the Basis of General-Purpose High-Speed
Digital Computers, by V. A. Zimin, 31 pp.

RUSSIAN, bk, Avtomaticheskoye Upravleniye i
Vychislitel'naya Tekhnika, 1958, pp 29-45.

JPRS 5419

Sci - Electron
18 Oct 60

128,684

Service Life of Electronic Tubes in the Standard
Elements of the Beam, by V. A. Zimin, 9 pp.

RUSSIAN, bk, Nadezhnost' Radioelektronnoy Apparatury,
1958.

OTS 60-21823

PL4480
?

Sci - Electronics

Jan 61

PST 121

135,007

Logical Designs of Computers With Semiconductor Components, by V. A. Zimin, 39 pp.

RUSSIAN, bk, Avtomaticheskoye Upravleniye i Vychislitel'naya Tekhnika, 1958, pp 204-222.

JPRS 5945

Sci. - Phys
25 Nov 60

133, 283

Experimental Investigation of Electrical Con-
ductivity of Products of Combustion, Stimulated
by Solid Particles, by Ye. P. Zimin. V.M. Popov.

17 pp.

RUSSIAN, rpt, Ekspperimental'noye Issledovaniye
Elektroprovodnosti Produktov Sgoraniya, Stimuli-
rovannoy Tsvedyni Chastitsami SP-107-154.

SP 1-14.

AIR/FAO/AF-24-183-68

Ye. P. Zimin

sci/physics
may 69

381,169

Characteristics of the Ultraviolet Spectra of
Some Types of Aromatic Hydrocarbons, by
A. Siryuk, K. Zimina.

RUSSIAN, per, Khim i Tekh Top i Masel, No 5,
1962, pp 23-26.

CSIRO/No 6197

Sci-Chem

Aug 63

341,968

Mass-Spectral Analysis of Hydrocarbon Systems, by
K. I. Zimina, A. A. Polyakova, 7 pp.

RUSSIAN, per. Zhur Neorgan Khim, Vol I, No 6, 1956,
pp. 1264-1270.

AEC-Tr-4587

Ecl

Apr 63

341, 050

by Means of Absorption Spectra, by K. I.
Zimina, A. G. Siryuk, 3 pp.

RUSSIAN, per, Lvov U, Fiz Sbornik, No 3 (8),
1957, pp 272-274.

ATS-87M38R

Sci -
Apr 61

154,553

Mass Spectra and Structure of Some Allenes, by A. A.
Polyakova, K. I. Zimina, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1960,
pp 2977-2982.

CB

Sci

170,708

Oct 61

Quantitative Determination of Polycyclic
Aromatic Hydrocarbons, by A. G. Siryali,
K. I. Zimina,^{judy}
RESQIAZ, per, Absolutsyn Bank SSSR Handlynye
po Analiticheskoj Khimii, Vol 13, 1963,
pp 359-366.
AMS-8580JR

K. I. Zimina

Sci-Chem
Aug 66

309,227